

LISTING OF CLAIMS

1 (CURRENTLY AMENDED). A camera module for mobile communication terminals, comprising:

an image capture device unit for focusing an image of a subject including a housing having a space defined therein, a camera lens disposed to the upper part of the housing for focusing the image of the subject, and an image capture device PCB (printed circuit board) adapted for supporting the housing and formed so that an image sensor for capturing the image of the subject is mounted to the middle upper surface thereof;

a flash having an LED (light emitting diode) unit for emitting light to the subject mounted on the housing and including a LED for emitting light to the subject and a LED PCB formed so that the LED is mounted thereon;

a FPC (flexible printed circuit) electrically connected between the image capture device unit and the LED unit; and

a connector unit installed in a motherboard for applying an electric signal to the image capture device unit; unit; and

another FPC electrically connected between the image capture device unit and the connector unit;

wherein, both the image capture device unit and the LED unit are electrically connected to the mother board via only one connector and both

are rotatable with relation to the mother board.

2-9. CANCELLED

10 (CURRENTLY AMENDED). A camera module for mobile communication terminals, comprising:

an image capture device unit for focusing an image of a subject including a housing having a space defined therein, a camera lens disposed to the upper part of the housing for focusing the image of the subject, and an image sensor installed in the housing;

an LED for emitting light to the subject mounted on the housing;

a FPC including a first flexible part adapted for supporting the housing and formed so that the image sensor capture device unit is mounted thereon, a second flexible part formed so that the LED is mounted thereon, and a connection part for electrically connecting the first flexible part and the second flexible part, the first flexible part and the second flexible part being integrally formed with the connection part; and

wherein, both the first flexible part and the second flexible part being integrally formed with the connection part; and

a connector unit installed in a motherboard for applying an electric signal to the FPC;

wherein at least a portion of the FPC is electrically connected to the connector unit, and both the image capture device unit and the LED are electrically connected to the mother board via only one connector unit and both are rotatable with relation to the mother board.

11-14. CANCELLED.

15 (CURRENTLY AMENDED). A camera module for mobile communication terminals, comprising:

an image capture device unit for focusing an image of a subject including a housing having a space defined therein, a camera lens disposed to the upper part of the housing for focusing the image of the subject, and an image sensor installed in the housing;

an LED for emitting light to the subject mounted on the housing;

a rigid-flexible PCB including a first rigid part adapted for supporting the housing and formed so that the image capture device unit is mounted thereon, a second rigid part formed so that the LED is mounted thereon, and a flexible connection part for electrically connecting the first rigid part and the second rigid part;

a connector unit installed in a motherboard for applying an electric signal to the rigid-flexible PCB; and

another FPC electrically connected between the rigid-flexible PCB and the connector ~~unit~~ unit;

wherein, both the image capture device unit and the LED are electrically connected to the mother board via only one connector unit and both are rotatable with relation to the mother board.

16-24. CANCELLED.

25 (CURRENTLY AMENDED). The module as set forth in ~~claim 23 or 24~~either of claims 1 or 10, further comprising an iris filter (IR filter) disposed in the space of the housing for controlling an amount of light of the image focused from the camera lens.

26-32. CANCELLED.

33 (NEW). The module as set forth in Claim 1 further comprising:

at least one FPC connected to the image capture device PCB;  
at least one part-mounting PCB electrically connected to the image capture device PCB via at least one FPC; and  
at least one mobile communication terminal part mounted on the part-mounting PCB;

wherein, all of the image capture device unit, the LED unit and at least one mobile communication terminal part are electrically connected to the mother board via only one connector unit.

34 (NEW). The module as set forth in Claim 10 further comprising:

at least one FPC electrically connected to the first flexible part;

at least one mobile communication terminal part mounted on at least one FPC;

wherein, all of the image capture device unit, the LED and at least one mobile communication terminal part are electrically connected to the mother board via only one connector unit.

35 (NEW). The module as set forth in Claim 15 further comprising:

at least one mobile communication terminal part;

another rigid-flexible PCB including a flexible part electrically connected to the first rigid part and a rigid part electrically connected to the flexible part and formed so that at least one mobile communication terminal part is mounted thereon;

wherein, all of the image capture device unit, the LED and at least one mobile communication terminal part are electrically connected to the mother board via only one connector unit.